

Title (en)

Hydraulic control apparatus and method for manufacturing the same

Title (de)

Hydrauliksteuervorrichtung und Herstellungsverfahren dafür

Title (fr)

Appareil à contrôle hydraulique et son procédé de fabrication

Publication

EP 2457788 A3 20121219 (EN)

Application

EP 11190487 A 20111124

Priority

JP 2010261921 A 20101125

Abstract (en)

[origin: EP2457788A2] According to the invention, there is provided a hydraulic control apparatus (1), including: a base body (10); and a housing (30) to be fixed to one surface (11) of the base body (10), wherein the housing (30) includes an opening (33a) facing the one surface (11) of the base body (10), wherein the opening (33a) includes a flange portion (36) formed on and projected outwardly from an opening edge portion (35), and wherein the flange portion (36) includes a threaded housing fixing hole (37) for fixing the housing (30) to the base body (10) using a fastening member (80) and a center hole (38) for provisionally fixing the housing (30) when assembling parts (50) to the housing (30), the center hole (38) being formed by machining the flange portion (36) and arranged adjacent to the housing fixing hole (37). According to a further invention, there is provided a method for manufacturing the hydraulic control apparatus (1) using a fixing jig (100) with pins (101) for insertion into the center holes (38) of the housing (30).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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